The **wireless** alternative for Ethernet-based industrial communications

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UNWIRING AUTOMATION

ECHORING™

ETH   5V

EchoRing™
Evaluation Kit

Test the unique EchoRing™ technology
and get to know its special assets

- real-time data transmissions (latency down to 1 ms)
- ultra-reliability thanks to massive cooperation
- high flexibility through ad hoc functionality

Technology by
TEXAS INSTRUMENTS

schleicher
control systems

R3 Communications
unwiring everything

EchoRing™ Evaluation Kit

Special Fair Offer

990,- €

valid until 30-04-18
(afterwards 1.490,-€)

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Questions?
contact@r3coms.com

What is EchoRing™?

EchoRing™ is a ground-breaking wireless software technology designed for applications that require time-critical performance and high robustness (packet error probability $< 10^{-8}$) at the same time. Based on extensive research and introduction of massive cooperation, EchoRing™ enables deterministic and **real-time wireless communications** (down to **1ms**) with a cable-like performance. Applied on standard hardware, EchoRing™ is cost-effective and highly flexible.

What can I do with the EchoRing™ Evaluation Kit?

The EchoRing™ Evaluation Kit has been designed for you to test the EchoRing™ technology under the real-world conditions of your factory floor. Replacing existing **Ethernet-based** communication links with the EchoRing™ system is as easy as plugging the RJ45 equipped network cable into the matching outlets of the EchoRing™ Evaluation Stations. Moreover, you can try different settings and find the best suited configuration for your environment by using the web-based configuration and measurement tool that is included.

The Evaluation Kit is meant for internal use only and must not be utilized in production systems. Its usage is bound to 1 million packets per evaluation run. Further measurements require a restart.

EchoRing™ Evaluation Station	
Hardware Basis	TI Sitara Platform
Wireless Module	TI WiLink™ 8 WL1837
EchoRing™ Mode	Firmware (radio certified)

EchoRing™ Evaluation Kit	
EchoRing™ Stations	5 stations per Evaluation Kit
Configuration Hardware	Server + Ethernet cables + switch
Software	Browser-based configuration and measurement system
Accessories	Power adapter + Evaluation Kit case

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